

**AGENCY FOR INTERNATIONAL DEVELOPMENT
PPC/CDIE/DI REPORT PROCESSING FORM**

ENTER INFORMATION ONLY IF NOT INCLUDED ON COVER OR TITLE PAGE OF DOCUMENT

1. Project/Subproject Number

497-0357

2. Contract/Grant Number

497-C-00-98-00045-00

3. Publication Date

24 March 2003

4. Document Title/Translated Title

Indonesia's Electronic Authentication and Security of Information Infrastructure and Network Update Report for TEL 27

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7. Pagination

4

8. Report Number

PEG 148

9. Sponsoring A.I.D. Office

ECG, USAID/Jakarta

10. Abstract (optional - 250 word limit)

11. Subject Keywords (optional)

- | | |
|--------------------------------------------------|-----------------|
| 1. Indonesia | 4. ICT Security |
| 2. Information & Communications Technology (ICT) | 5. |
| 3. Electronic Authentication | 6. |

12. Supplementary Notes

13. Submitting Official

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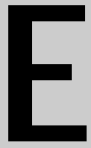
15. Today's Date

17 Dec 2003

16. DOCID

17. Document Disposition

DOCRD [] INV [] DUPLICATE []



Indonesia's Update report for TEL 27

Doc no:

telwg27/
ESTG

e-SECURITY TASK GROUP

Submitted by:
Indonesia

Indonesia's Electronic Authentication and Security of Information Infrastructure and Network Update Report for TEL 27

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**APEC Telecommunications and Information Working Group
27th Meeting | 24 March 2003 | Kuala Lumpur, Malaysia**

Please note:

This document is not an official APEC document until approved by the Telecommunications and Information Working Group. This version is a draft provided for discussion purposes only.

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INDONESIA: ELECTRONIC AUTHENTICATION UPDATE

HIGHLIGHTS

- In January 2003, the State Ministry for Communications and Information (MCI) obtained a renewed mandate to coordinate ICT-related activities within national government agencies by the Presidential Decree No.9/2003 through the Indonesian ICT Coordinating Team (TKTI). This team is chaired by the Minister of MCI, Mr. Syamsul Muarif and the Secretary to MCI, Prof. J. B. Kristiadi. The other agencies involved in the Team are: Ministry of Home Affairs, Ministry of Finance, Ministry of Research and Technology, Ministry of Industry and Trade, Ministry of Communications and Transport, Ministry of Justice and Human Rights.
- TKTI Vision: Indonesia achieving the full economic and social benefits of the information age delivering world class information and services to all its citizens with a modern and transparent government administration and enabling Indonesia to be fully integrated into the global economy allowing its industry and citizens to participate fully in international e-commerce.
- TKTI Mission: To develop and implement national policies and strategies for ICT and provide national leadership in the application of ICT to achieve economic growth in Indonesia, to deliver world class information and services to all of Indonesians and to use ICT to re-engineer government and establish an efficient, cost effective and transparent modern administration.
- TKTI is responsible to coordinate government agencies in six broad areas: (1) Infrastructure Development, (2) Applications Development, (3) Regulatory and Legal Affairs, (4) Development of Human Resources in ICT related areas, (5) Industry Development and Standardization, (6) Business Development and Funding
- Implicit in across the above responsibilities to facilitate the development of commercial application and the implementation of e-commerce including the development towards a system for electronic authentication as well as the maintenance of IT and network security.
- In the area of electronic authentication, TKTI has received a recently completed report by a World Bank consultant (funded under the Information Infrastructure Development Project) on the "Establishment of a National Certification Authority in Indonesia". MCI is considering currently considering its recommendations.
- On a related development, the MCI has also conducted a three-day seminar in February 2003 to combine the Draft " Umbrella Cyberlaw" or Law on the Use of Information Technology(RUU-PTI) with the Draft Law on Electronic Transaction and Electronic Signatures (RUU-IETE). The outcome was the Draft Law on Information, Communications and Electronic Transactions (RUU-IKTE) which, in addition, also contain some provisions from the recently produced Draft Law on Cybercrime (RUU-TiPiTI). The enactment of Cyberlaw and implementation of e-Government programs are the two main priorities of MCI in 2003.
- After the above seminar in February 2003, MCI coordinated a consultation meeting on the RUU-IKTE with several related government agencies and it is expected that MCI will drive the passage of the new draft law through the parliament by the end of 2003. This has been set as one of the main priorities for MCI.

SECURITY OF INFORMATION INFRASTRUCTURE AND NETWORKS

Establishment of a Private Sector Forum on IT and Network Security

- The Ministry of Communications and Information and the Directorate of Commercial and IT Crime, Corp of Investigative Division of the National Police of Indonesia recently endorsed the establishment of the Indonesia Forum for ICT incident and Response Teams (ID-FIRST). The non-for-profit forum is supported by its secretariat run by the Secure-Indonesia-FIRST Foundation.
- The motivation behind ID-FIRST is to build trust in e-commerce and to promote awareness in secure electronic commerce and communications, a culture of IT security and to ensure a wider stakeholder engagement in the policy-making and implementation process.
- ID-FIRST is the first private initiative which aims to pull together a broad-array of ICT security related issues, provide some practical solutions and shape the strategic direction of the private sector-driven response to cybercrime. The forum is co-sponsored by Partnership for Economic Growth (USAID-GoI) Project, Global Internet Policy Initiative (GIPI), ASI@ITC Europe AID.
- The Forum was initiated by IT security teams which makes up the Forum's ICT Incident Response Task Force. They are the Indonesia ISP Computer Emergency Response Team (ID-ISP-CERT), Computer Emergency Response Team (ID-CERT) and some IT security professionals drawn from various industries. The Forum is also supported by the Federation of IT Industries (FTII) which includes:
 - Internet Service Providers Association (APJII)
 - Computer Business Association (APKOMINDO)
 - Software Business Association (ASPILUKI)
 - Animation Business Association (ANIMA)
 - Wireless LAN Internet Access Business Association (WLI Indonesia)
 - Internet Kiosk Business Association (AWARI)
 - Info-Comm Society of Indonesia (MASTEL)
- Other organizations that have joined the Forum are the Indonesian Association of the Credit Card Providers (AKKI) and Indonesia ICT Watch. Membership for the Forum is open to IT security teams from other industry associations with an interest in countering cybercrime. The Forum is encouraging the above and other industry associations are interested in establishing their own IT security teams (initially as Warning and Reporting Points, WARPs) that will effectively improve cybersecurity protection of their members and that of the wider communities that they serve.
- On March 19, 2003, ID-FIRST held its soft-launch and first public seminar, product showcase and which attracted more than 200 participants. The seminar was followed by a two day workshops for IT security professional on the topics IT Security Management followed by Managing Firewalls and Virtual Private Networks. The launch was also sponsored by Microsoft, Network Alliance and Secure-IT.

Reporting of Abuse, Spam (unsolicited bulk e-mail) and Credit Card Fraud Activities

- Initially offered on the request of the members of the ISP Association, ID-FIRST now offers a service to its members and the IT community an email address for reporting abuse (computer intrusion, denial of service, virus, harassment and hack activities), spam (including mail bomb) and credit card fraud activities. The email

address: abuse@apjii.or.id has been obtaining a steady increase in abuse reports since it was opened on January 1, 2003.

RELEVANT WEB SITES

State Ministry of Communications and Information (Meneg Kominfo):

<http://www.kominfo.go.id>

Department of Communications and Transport (Dep. Perhubungan), Directorate General Post and Telecommunications (Postel):

<http://www.postel.go.id>

ICT Coordinating Team (TKTI), includes a number of downloadable reports:

<http://www.tkti.web.id>

Government of Indonesia Portal: <http://www.indonesia.go.id/>

SECURE-INDONESIA-FIRST (IT Security Forum): <http://www.secure-indonesia-first.or.id>
or <http://www.id-first.or.id>

Internet Service Providers Association (APJII): <http://www.apjii.or.id>

Computer Business Association (APKOMINDO): <http://www.apkomindo.or.id>

Software Business Association (ASPILUKI): <http://www.aspiluki.or.id>

Animation Business Association (ANIMA): <http://www.anima.or.id>

Wireless LAN Association (WLI Indonesia): <http://www.indo-wli.or.id>

Internet Kiosk Business Association (AWARI): <http://www.awari.or.id>

Info-Comm Society of Indonesia (MASTEL): <http://www.mastel.or.id>

Partnership for Economic Growth (USAID-GoI) Project: <http://www.pegasus.or.id>
and <http://www.usaid.gov/id>